

Table 39. Fertilizers and Chemicals Applied: 2002 and 1997

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Ohio	Adams	Allen	Ashland	Ashtabula	Athens	Auglaize
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	42,428	770	587	699	530	255	745
1997	50,846	1,151	805	680	685	267	848
acres treated, 2002	7,619,885	52,112	123,846	93,409	51,154	12,102	147,869
1997	7,765,241	47,639	133,036	97,604	49,032	10,613	141,480
Cropland fertilized, except cropland pastured							
farms, 2002	40,427	712	575	649	501	209	745
1997	49,098	1,091	788	653	672	246	830
acres treated, 2002	7,430,881	39,576	123,798	88,281	49,718	8,230	147,604
1997	7,599,817	37,547	132,786	95,685	47,723	8,198	140,882
Pastureland and rangeland fertilized							
farms, 2002	7,482	12	124	110	110	39	
1997	6,279	271	19	68	63	76	39
acres treated, 2002	189,004	12,536	48	5,128	1,436	3,872	265
1997	165,424	10,092	250	1,919	1,309	2,415	598
Manure							
farms, 2002	21,471	204	117	425	349	235	269
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	845,582	4,867	2,575	23,980	13,338	5,710	15,251
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²							
farms, 2002	11,530	206	109	219	165	38	226
1997	13,520	211	128	253	203	35	186
acres treated, 2002	1,121,876	3,656	11,377	26,725	6,128	529	13,379
1997	1,226,579	5,171	7,819	18,876	5,413	981	15,182
Weeds, grass, or brush							
farms, 2002	31,767	306	496	544	369	79	598
1997	33,947	323	645	554	398	66	649
acres treated, 2002	6,678,161	16,581	112,737	74,158	33,282	3,970	130,834
1997	6,703,731	22,114	126,692	79,251	31,149	4,219	127,039
Nematodes							
farms, 2002	633	-	11	15	31	-	3
1997	1,040	9	7	19	22	13	25
acres treated, 2002	72,532	-	1,060	552	2,299	-	(D)
Diseases in crops and orchards							
farms, 2002	2,401	112	10	37	76	85	1,857
1997	3,322	82	35	20	67	21	31
acres treated, 2002	91,796	1,322	290	2,978	897	50	474
1997	140,701	280	891	845	878	125	2,445
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	947	31	-	7	31	-	-
1997	1,476	82	1	13	2	1	43
acres on which used, 2002	39,835	407	-	105	318	-	-
1997	118,517	405	(D)	810	(D)	(D)	6,627
Item	Belmont	Brown	Butler	Carroll	Champaign	Clark	Clermont
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	231	938	381	361	606	363	481
1997	359	1,229	621	489	582	408	565
acres treated, 2002	14,581	115,646	58,539	30,800	135,402	94,515	59,292
1997	20,711	111,412	83,327	30,813	144,754	116,786	35,625
Cropland fertilized, except cropland pastured							
farms, 2002	202	929	330	343	563	348	418
1997	314	1,161	561	452	562	385	507
acres treated, 2002	12,485	109,711	56,429	27,222	132,993	92,863	57,389
Pastureland and rangeland fertilized							
farms, 2002	108	193	89	82	119	58	173
1997	112	275	131	114	95	64	119
acres treated, 2002	2,096	5,935	2,110	3,578	2,409	1,652	1,903
1997	3,369	8,843	4,954	2,020	2,312	1,969	1,205
Manure							
farms, 2002	241	254	258	386	304	130	178
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	4,789	4,688	6,179	13,438	6,456	4,670	4,498
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²							
farms, 2002	38	300	130	82	263	146	201
1997	30	263	128	96	274	105	197
acres treated, 2002	256	7,765	3,969	12,421	25,981	21,282	4,222
1997	262	20,194	17,641	9,995	31,233	16,453	9,209
Weeds, grass, or brush							
farms, 2002	77	542	329	243	413	315	335
1997	81	528	401	257	411	331	237
acres treated, 2002	2,898	73,017	42,529	19,714	135,930	99,928	45,886
Nematodes							
farms, 2002	1,404	77,593	58,943	15,761	136,612	115,611	20,889
1997	-	23	9	9	1	23	5
acres treated, 2002	-	-	-	1,080	(D)	1,981	6,177
Diseases in crops and orchards							
farms, 2002	21	78	46	20	40	50	12
1997	4	120	4	28	53	12	133
acres treated, 2002	21	2,604	606	528	2,381	1,170	(D)
1997	4	2,455	(D)	1,363	2,531	1,279	638
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	-	63	10	25	2	2	-
1997	17	79	20	1	27	24	36
acres on which used, 2002	-	2,913	10	578	(D)	(D)	-
1997	165	1,530	11,511	(D)	3,326	27	327

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clinton	Columbiana	Coshocton	Crawford	Cuyahoga	Darke	Defiance	
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	514	502	553	526	63	1,156	531	
1997	636	715	563	608	66	1,445	608	
acres treated, 2002	153,697	63,576	56,202	172,243	420	219,304	109,748	
1997	155,190	57,550	53,522	169,451	426	225,892	98,834	
Cropland fertilized, except cropland pastured	farms, 2002	494	456	491	515	54	531	
	1997	611	704	551	581	66	603	
acres treated, 2002	151,894	61,788	50,498	171,335	(D)	218,186	109,560	
	1997	154,891	55,218	48,450	169,039	426	224,913	98,433
Pastureland and rangeland fertilized	farms, 2002	84	143	165	32	11	10	
	1997	38	92	135	50	-	40	
acres treated, 2002	1,803	1,788	5,704	908	(D)	1,118	188	
	1997	299	2,332	5,072	412	979	401	
Manure	farms, 2002	142	441	351	188	27	113	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
acres treated, 2002	4,020	26,310	19,598	11,818	(NA)	20,579	6,253	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Chemicals used to control-Insects ²								
farms, 2002	173	158	210	149	34	252	49	
1997	187	276	187	140	44	445	109	
acres treated, 2002	23,247	9,130	18,987	17,559	145	32,022	11,359	
	1997	31,438	18,803	22,856	18,027	298	30,194	9,069
Weeds, grass, or brush	farms, 2002	372	382	382	434	30	1,017	
	1997	467	407	356	517	23	412	
acres treated, 2002	124,426	28,353	43,345	173,588	266	212,161	105,458	
	1997	138,462	35,605	35,270	151,640	260	223,692	97,258
Nematodes	farms, 2002	2	14	1	9	3	23	
	1997	3	5	28	-	2	-	
acres treated, 2002	(D)	700	(D)	1,392	8	3,057	-	
	1997	513	789	1,758	(D)	(D)	1,166	
Diseases in crops and orchards	farms, 2002	12	33	65	29	16	22	
	1997	3	93	36	35	21	11	
acres treated, 2002	330	604	3,172	538	69	2,240	697	
	1997	140	2,925	1,449	6,673	93	3,814	
Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	1	32	41	13	3	24	
	1997	11	65	19	32	9	18	
acres on which used, 2002	(D)	2,040	1,334	603	8	751	(D)	
	1997	(D)	5,136	168	3,843	41	1,349	
							4,192	
Item	Delaware	Erie	Fairfield	Fayette	Franklin	Fulton	Gallia	
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	349	248	519	313	225	535	550	
1997	441	261	696	404	258	686	591	
acres treated, 2002	95,109	71,299	94,877	149,119	41,174	137,652	20,899	
	1997	96,541	59,563	127,546	178,665	55,646	144,921	24,966
Cropland fertilized, except cropland pastured	farms, 2002	334	248	519	312	528	512	
	1997	413	261	683	388	250	547	
acres treated, 2002	94,370	(D)	93,578	148,002	40,513	137,274	14,610	
	1997	95,476	59,448	125,489	177,215	55,373	144,818	18,701
Pastureland and rangeland fertilized	farms, 2002	33	1	98	18	45	45	
	1997	55	20	112	-	10	194	
acres treated, 2002	739	(D)	1,299	1,117	661	378	169	
	1997	1,065	115	2,057	1,450	273	6,289	
Manure	farms, 2002	278	81	423	101	111	6,264	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
acres treated, 2002	7,427	2,441	9,005	3,627	5,580	15,122	2,571	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Chemicals used to control-Insects ²	farms, 2002	80	117	236	107	90	164	
	1997	137	114	240	159	80	139	
acres treated, 2002	13,023	12,892	25,812	29,232	3,606	35,291	868	
	1997	7,524	9,952	30,592	33,108	7,713	37,660	2,052
Weeds, grass, or brush	farms, 2002	378	200	397	304	163	238	
	1997	329	208	521	306	178	144	
acres treated, 2002	105,310	63,184	84,870	143,779	33,746	132,266	5,523	
	1997	93,601	54,272	95,999	156,777	47,890	136,244	5,968
Nematodes	farms, 2002	2	16	38	-	1	-	
	1997	12	8	32	5	2	23	
acres treated, 2002	(D)	400	2,140	-	(D)	1,896	-	
	1997	(D)	390	2,314	4,525	(D)	1,240	1,809
Diseases in crops and orchards	farms, 2002	19	30	29	13	11	54	
	1997	48	23	23	2	7	70	
acres treated, 2002	231	5,607	1,164	507	276	2,879	150	
	1997	838	1,145	1,946	(D)	78	1,811	
Chemicals used to control growth, thin fruit, or defoliate	farms, 2002	2	18	21	-	4	12	
	1997	28	6	12	11	9	54	
acres on which used, 2002	(D)	3,497	3,241	-	(D)	3,577	24	
	1997	4,592	(D)	462	(D)	26	6,846	

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Geauga	Greene	Guernsey	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	451	430	356	172	723	570	126
1997	476	579	515	174	870	683	212
acres treated, 2002	14,331	97,904	17,082	12,922	170,361	150,026	11,626
1997	17,721	112,085	25,699	10,467	193,565	149,562	15,217
Cropland fertilized, except cropland pastured							
farms, 2002	418	400	346	133	722	558	97
1997	440	565	466	166	870	676	189
acres treated, 2002	13,791	96,997	12,238	12,175	170,277	148,981	8,437
1997	17,174	110,361	22,239	10,337	193,390	148,497	11,477
Pastureland and rangeland fertilized							
farms, 2002	70	68	112	55	13	81	73
1997	84	59	98	9	13	18	47
acres treated, 2002	540	907	4,844	747	84	1,045	3,189
1997	547	1,724	3,460	130	175	1,065	3,740
Manure							
farms, 2002	450	156	249	82	108	163	84
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	11,026	3,856	6,459	969	3,566	15,904	4,399
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²							
farms, 2002	111	193	61	70	115	97	7
1997	74	189	64	73	165	137	20
acres treated, 2002	607	32,017	1,214	1,555	6,884	7,465	1,003
1997	1,551	22,406	2,135	2,287	22,399	16,667	4,663
Weeds, grass, or brush							
farms, 2002	312	324	173	93	601	399	32
1997	263	436	111	57	763	446	109
acres treated, 2002	8,910	93,522	7,108	9,890	157,930	146,378	2,666
1997	11,840	102,158	7,874	5,101	177,628	137,019	6,832
Nematodes							
farms, 2002	-	14	-	-	1	12	1
1997	1	8	-	18	8	28	12
acres treated, 2002	-	1,673	-	-	(D)	9,440	(D)
1997	(D)	956	-	691	2,036	1,524	1,176
Diseases in crops and orchards							
farms, 2002	78	33	19	53	18	1	2
1997	37	3	23	40	25	17	-
acres treated, 2002	484	(D)	38	338	396	(D)	(D)
1997	728	(D)	163	234	1,179	1,402	-
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	15	-	19	25	-	1	2
1997	11	14	21	9	12	-	-
acres on which used, 2002	30	-	38	30	(D)	(D)	(D)
1997	30	6,702	317	90	(D)	-	-
Item	Henry	Highland	Hocking	Holmes	Huron	Jackson	Jefferson
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	688	774	114	899	499	237	177
1997	796	874	287	1,212	545	315	225
acres treated, 2002	192,038	131,077	6,754	75,274	127,851	17,689	4,326
1997	186,148	114,287	11,719	75,218	142,416	22,105	8,576
Cropland fertilized, except cropland pastured							
farms, 2002	688	725	80	856	472	233	177
1997	796	819	271	1,157	545	292	225
acres treated, 2002	192,038	122,549	5,693	67,094	126,774	12,737	3,876
1997	186,108	110,402	9,007	70,673	142,000	17,386	8,005
Pastureland and rangeland fertilized							
farms, 2002	-	177	80	342	44	96	9
1997	8	150	108	190	18	114	27
acres treated, 2002	-	8,528	1,061	8,180	1,077	4,952	450
1997	40	3,885	2,712	4,545	416	4,719	571
Manure							
farms, 2002	144	291	98	956	265	98	140
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	5,535	11,769	790	39,306	10,478	2,416	3,921
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²							
farms, 2002	136	107	26	460	118	38	28
1997	173	197	29	529	140	25	67
acres treated, 2002	21,837	11,223	585	17,686	19,276	2,951	343
1997	22,683	15,723	978	21,129	12,844	(D)	829
Weeds, grass, or brush							
farms, 2002	635	465	73	720	357	114	105
1997	652	576	116	876	473	91	139
acres treated, 2002	171,976	89,749	5,283	42,706	123,038	4,233	1,137
1997	161,533	93,865	4,831	48,191	128,765	5,782	3,231
Nematodes							
farms, 2002	-	1	-	17	6	-	8
1997	13	2	-	40	14	1	-
acres treated, 2002	-	(D)	-	614	1,644	-	144
1997	1,479	(D)	-	671	1,198	(D)	-
Diseases in crops and orchards							
farms, 2002	25	1	-	18	14	14	21
1997	35	41	9	77	30	10	35
acres treated, 2002	2,550	(D)	-	336	2,551	184	235
1997	2,875	616	126	771	5,351	38	1,260
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	2	26	-	-	1	42	21
1997	23	31	-	12	15	-	11
acres on which used, 2002	(D)	62	-	-	(D)	488	170
1997	1,525	154	-	480	1,549	-	130

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Knox	Lake	Lawrence	Licking	Logan	Lorain	Lucas
Commercial fertilizer, lime, and soil conditioners ¹							
farms, 2002	464	182	238	653	487	487	227
1997	691	151	380	761	594	610	264
acres treated, 2002	76,153	5,445	5,747	109,582	150,689	93,896	50,104
1997	106,241	6,073	7,644	111,840	121,111	69,845	57,257
Cropland fertilized, except cropland pastured							
farms, 2002	446	164	211	612	461	449	221
1997	670	137	359	743	570	601	255
acres treated, 2002	74,374	5,021	5,407	105,358	148,839	92,881	50,006
1997	104,120	5,971	5,039	108,275	119,664	69,360	57,230
Pastureland and rangeland fertilized							
farms, 2002	121	22	34	130	68	76	17
1997	111	17	85	146	74	18	9
acres treated, 2002	1,779	424	340	4,224	1,850	1,015	98
1997	2,121	102	2,605	3,565	1,447	485	27
Manure							
farms, 2002	444	73	97	366	202	330	84
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	15,076	518	1,206	14,241	7,562	11,712	1,899
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ²							
farms, 2002	154	112	47	194	98	69	77
1997	233	110	81	215	231	178	41
acres treated, 2002	16,238	3,113	219	20,515	15,608	5,512	10,077
1997	21,642	3,941	571	22,989	19,008	10,082	6,956
Weeds, grass, or brush							
farms, 2002	389	78	75	446	467	429	195
1997	547	108	90	560	396	429	214
acres treated, 2002	63,684	2,334	1,407	92,602	174,092	82,024	41,111
1997	96,231	4,032	1,605	112,653	109,038	59,726	68,804
Nematodes							
farms, 2002	1	2	-	10	8	5	6
1997	-	6	-	30	22	12	2
acres treated, 2002	(D)	(D)	-	250	800	267	3,539
1997	-	133	-	220	1,004	22	(D)
Diseases in crops and orchards							
farms, 2002	27	44	17	59	19	46	39
1997	16	93	66	18	49	140	13
acres treated, 2002	549	1,239	153	1,458	958	1,721	2,603
1997	1,065	2,851	283	726	1,948	5,194	1,716
Chemicals used to control growth, thin fruit, or defoliate							
farms, 2002	3	17	45	36	-	29	11
1997	21	25	31	29	9	42	4
acres on which used, 2002	(D)	75	265	470	-	861	48
1997	2,478	149	106	2,818	9	864	(D)

Item	Madison	Mahoning	Marion	Medina	Meigs	Mercer	Miami	Monroe
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	516	330	313	517	300	939	604	256
1997	539	395	398	631	315	1,038	875	385
acres treated, 2002	192,794	36,905	131,491	47,571	18,004	185,844	95,007	13,723
1997	184,610	35,123	146,940	52,484	15,636	189,187	130,698	14,408
Cropland fertilized, except cropland pastured								
farms, 2002	484	305	313	495	298	929	578	237
1997	533	387	398	604	301	1,038	856	360
acres treated, 2002	191,296	36,180	130,978	46,841	15,530	185,154	94,047	10,542
1997	184,046	34,118	146,332	51,554	12,011	188,955	129,989	10,351
Pastureland and rangeland fertilized								
farms, 2002	71	39	12	95	72	66	53	88
1997	42	71	24	80	91	45	56	113
acres treated, 2002	1,498	725	513	730	2,474	690	960	3,181
1997	564	1,006	608	930	3,625	232	709	4,057
Manure								
farms, 2002	95	236	75	312	213	478	256	216
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	4,478	9,713	7,243	9,031	3,179	47,707	9,540	8,669
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-Insects ²								
farms, 2002	138	138	64	122	70	259	246	20
1997	173	118	79	140	50	354	288	62
acres treated, 2002	25,992	7,966	15,369	3,827	1,763	34,297	13,266	231
1997	34,100	8,791	12,479	8,472	2,904	28,246	31,052	1,250
Weeds, grass, or brush								
farms, 2002	446	261	280	343	112	774	525	114
1997	427	254	348	424	77	769	643	177
acres treated, 2002	167,067	30,501	135,006	44,626	8,463	167,921	97,725	2,703
1997	193,588	21,771	168,367	40,690	5,396	144,453	121,048	2,707
Nematodes								
farms, 2002	3	20	10	2	3	23	11	-
1997	20	25	6	8	1	29	14	-
acres treated, 2002	3,225	1,645	380	(D)	(D)	1,372	(D)	-
1997	1,785	1,194	261	1,554	(D)	1,326	1,188	-
Diseases in crops and orchards								
farms, 2002	29	63	-	72	12	4	29	-
1997	32	56	5	81	24	17	58	14
acres treated, 2002	1,752	2,602	-	342	604	665	605	-
1997	3,379	1,617	255	1,255	1,101	2,271	2,897	32
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	10	13	-	8	3	2	1	-
1997	11	12	19	26	15	16	28	21
acres on which used, 2002	289	82	-	67	21	(D)	(D)	-
1997	2,100	172	(D)	367	235	1,349	2,844	116

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Montgomery	Morgan	Morrow	Muskingum	Noble	Ottawa	Paulding	Perry
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	414	208	499	564	287	417	411	296
1997	560	343	449	632	299	397	406	354
acres treated, 2002	54,641	17,608	118,502	44,465	11,593	74,625	140,807	35,563
1997	70,510	14,013	88,749	40,675	14,347	68,032	111,162	31,017
Cropland fertilized, except cropland pastured								
farms, 2002	382	203	464	522	268	417	411	272
1997	538	334	442	589	280	397	406	340
acres treated, 2002	52,644	14,944	117,054	36,392	8,581	74,625	140,807	33,512
1997	69,995	13,555	88,486	36,724	12,465	67,952	111,162	29,618
Pastureland and rangeland fertilized								
farms, 2002	96	85	90	188	118	-	-	122
1997	29	33	22	152	96	16	-	78
acres treated, 2002	1,997	2,664	1,448	8,073	3,012	-	-	2,051
1997	515	458	263	3,951	1,882	80	-	1,399
Manure								
farms, 2002	184	152	335	511	118	58	71	216
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	4,238	6,706	9,375	13,999	2,725	2,374	2,469	5,512
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²								
farms, 2002	114	42	84	177	-	72	50	44
1997	165	19	132	128	12	51	53	116
acres treated, 2002	11,082	4,374	15,685	5,304	-	7,092	11,250	4,572
1997	15,939	661	14,339	10,496	1,305	6,059	13,652	11,352
Weeds, grass, or brush								
farms, 2002	321	70	422	310	37	376	355	152
1997	420	135	328	260	51	347	408	162
acres treated, 2002	48,902	6,729	113,297	24,857	580	72,949	136,007	23,559
1997	69,635	2,830	76,575	26,499	1,221	68,475	129,122	16,433
Nematodes								
farms, 2002	16	9	19	2	-	2	-	-
1997	10	-	9	9	9	-	2	-
acres treated, 2002	2,986	180	19	(D)	-	(D)	-	-
1997	500	-	1,763	27	108	-	(D)	-
Diseases in crops and orchards								
farms, 2002	14	22	35	56	-	41	1	-
1997	23	2	19	26	2	40	21	23
acres treated, 2002	825	315	206	268	-	1,998	(D)	-
1997	235	(D)	1,589	791	(D)	2,508	3,369	661
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	9	19	1	33	-	3	-	-
1997	4	-	-	1	-	17	15	5
acres on which used, 2002	57	106	(D)	1,731	-	355	-	-
1997	4	-	-	(D)	-	242	2,218	5
Item	Pickaway	Pike	Portage	Preble	Putnam	Richland	Ross	Sandusky
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	450	252	495	702	1,097	578	409	528
1997	515	277	427	729	1,283	582	589	637
acres treated, 2002	183,753	20,959	45,979	137,182	215,504	75,858	124,731	137,431
1997	203,355	18,554	46,866	131,428	208,462	76,011	118,427	132,948
Cropland fertilized, except cropland pastured								
farms, 2002	422	231	435	666	1,089	537	364	528
1997	476	249	403	710	1,276	565	566	637
acres treated, 2002	180,461	18,366	44,716	134,685	214,337	74,829	120,325	134,664
1997	196,166	16,662	45,673	130,830	208,178	74,487	113,307	132,871
Pastureland and rangeland fertilized								
farms, 2002	114	56	113	132	38	135	99	26
1997	85	80	89	47	24	75	115	21
acres treated, 2002	3,292	2,593	1,263	2,497	1,167	1,029	4,406	2,767
1997	7,189	1,892	1,193	598	284	1,524	5,120	77
Manure								
farms, 2002	155	108	286	275	463	363	183	236
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	12,778	3,444	6,962	8,026	17,201	17,237	5,023	10,522
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²								
farms, 2002	213	44	99	273	284	161	83	171
1997	193	44	99	309	331	159	122	169
acres treated, 2002	42,324	2,064	7,252	36,863	21,743	26,831	16,502	19,531
1997	33,889	2,894	4,934	36,791	26,300	11,247	14,303	24,595
Weeds, grass, or brush								
farms, 2002	376	172	360	603	965	471	327	466
1997	363	100	230	526	1,007	441	356	536
acres treated, 2002	154,908	14,049	34,172	111,344	208,241	67,305	104,195	125,825
1997	172,572	8,688	36,609	112,959	169,063	67,987	105,700	134,839
Nematodes								
farms, 2002	-	-	-	-	25	-	10	-
1997	27	-	1	27	22	-	27	57
acres treated, 2002	-	-	-	-	684	-	(D)	-
1997	811	-	(D)	2,644	645	-	5,786	7,353
Diseases in crops and orchards								
farms, 2002	3	27	25	8	31	20	-	16
1997	13	25	75	34	75	24	44	96
acres treated, 2002	(D)	118	116	8	2,089	59	-	926
1997	155	1,058	892	293	4,392	427	6,547	7,251
Chemicals used to control growth, thin fruit, or defoliate								
farms, 2002	2	12	16	7	-	-	7	2
1997	5	24	12	28	23	25	-	24
acres on which used, 2002	(D)	360	(D)	-	5,338	-	21	(D)
1997	1,168	1,072	97	4,589	2,571	2,660	-	1,425

See footnote(s) at end of table.

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Table 39. Fertilizers and Chemicals Applied: 2002 and 1997 - Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Scioto	Seneca	Shelby	Stark	Summit	Trumbull	Tuscarawas	Union
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	357	844	737	713	151	468	446	555
1997	506	988	811	784	171	493	635	568
acres treated, 2002	40,869	179,915	131,554	78,078	4,115	53,461	47,426	161,509
1997	36,318	199,112	146,198	66,448	7,314	61,852	56,700	124,796
Cropland fertilized, except cropland pastured	..... farms, 2002	303	835	737	661	113	431	544
	1997	464	980	789	753	152	493	612
	acres treated, 2002	35,302	179,342	130,720	76,246	3,286	51,543	45,086
	1997	31,608	199,033	145,176	64,633	6,523	61,178	51,411
Pastureland and rangeland fertilized	..... farms, 2002	192	40	35	162	49	150	100
	1997	143	11	47	85	38	31	154
	acres treated, 2002	5,567	573	834	1,832	829	1,918	2,340
	1997	4,710	79	1,022	1,815	791	674	5,289
Manure	..... farms, 2002	120	330	302	516	139	459	422
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2002	5,194	10,548	20,791	24,015	1,212	11,848	15,757
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²								
farms, 2002	62	117	200	238	61	24	96	83
1997	83	157	253	230	61	106	195	169
acres treated, 2002	5,737	14,030	25,502	15,516	1,322	4,775	11,888	11,966
1997	4,292	26,625	27,701	11,998	1,022	18,865	14,774	15,084
Weeds, grass, or brush	..... farms, 2002	210	740	649	465	95	401	288
	1997	167	833	640	524	73	397	479
	acres treated, 2002	28,114	165,983	127,262	64,290	3,962	43,121	24,302
	1997	22,815	168,348	122,658	49,328	3,477	53,980	28,777
Nematodes	..... farms, 2002	6	28	15	12	-	1	1
	1997	13	16	10	20	3	1	9
	acres treated, 2002	953	2,086	447	265	-	(D)	(D)
	1997	136	807	903	1,966	(D)	(D)	4,130
Diseases in crops and orchards	..... farms, 2002	44	20	1	44	47	15	22
	1997	67	40	6	84	43	42	12
	acres treated, 2002	3,816	698	(D)	1,283	1,561	15	586
	1997	310	3,680	35	2,221	154	10,832	75
Chemicals used to control growth, thin fruit, or defoliate	..... farms, 2002	16	7	25	7	16	-	24
	1997	51	25	-	8	1	-	1
	acres on which used, 2002	85	210	616	70	67	-	256
	1997	1,652	2,693	-	184	(D)	(D)	380
Item	Van Wert	Vinton	Warren	Washington	Wayne	Williams	Wood	Wyandot
Commercial fertilizer, lime, and soil conditioners ¹								
farms, 2002	538	96	378	479	1,091	503	740	465
1997	636	127	450	643	1,133	519	913	533
acres treated, 2002	169,014	5,169	51,843	30,904	141,799	128,954	216,121	123,151
1997	177,610	7,357	60,153	37,456	131,874	110,242	216,186	145,643
Cropland fertilized, except cropland pastured	..... farms, 2002	538	68	337	461	1,058	503	740
	1997	636	115	422	605	1,112	510	913
	acres treated, 2002	168,867	3,792	50,681	23,428	138,152	128,566	216,063
	1997	177,606	7,159	59,254	30,320	129,171	109,538	215,806
Pastureland and rangeland fertilized	..... farms, 2002	10	45	74	219	253	22	15
	1997	4	29	46	223	143	33	4
	acres treated, 2002	147	1,377	1,162	7,476	3,647	388	58
	1997	4	198	899	7,136	2,703	704	380
Manure	..... farms, 2002	115	46	219	365	973	98	125
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	acres treated, 2002	7,682	910	2,739	10,240	62,697	6,405	5,854
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control- Insects ²								
farms, 2002	123	13	113	106	568	124	176	59
1997	128	6	117	145	458	180	173	77
acres treated, 2002	19,679	856	4,210	3,130	43,896	17,523	30,908	8,967
1997	8,683	(D)	13,506	6,740	37,021	10,963	14,494	8,728
Weeds, grass, or brush	..... farms, 2002	466	35	289	294	946	466	659
	1997	506	18	251	297	781	480	833
	acres treated, 2002	167,804	2,629	36,176	14,687	108,678	118,076	200,337
	1997	166,599	905	53,272	15,128	89,596	106,095	215,091
Nematodes	..... farms, 2002	20	-	1	-	19	10	45
	1997	14	-	3	35	25	3	25
	acres treated, 2002	20	-	(D)	-	1,262	1,682	4,856
	1997	944	-	(D)	1,007	5,580	1,027	1,094
Diseases in crops and orchards	..... farms, 2002	2	5	32	24	111	9	56
	1997	10	-	51	47	76	27	46
	acres treated, 2002	(D)	5	1,110	895	3,427	(D)	10,328
	1997	100	-	1,428	1,465	3,100	1,299	3,878
Chemicals used to control growth, thin fruit, or defoliate	..... farms, 2002	1	2	15	10	7	14	2
	1997	6	-	1	1	10	2	33
	acres on which used, 2002	(D)	(D)	(D)	40	1,223	476	(D)
	1997	234	-	(D)	(D)	354	(D)	3,844
								1,002

¹ Data for 1997 exclude lime.

² Data for 1997 include treatment of crops, including hay, but not other land.